

REMARKS

I. Status Summary

Claims 14-19 and 33-36 are pending in the present application. Claims 14, 18, and 33 have been amended. Therefore, upon entry of this Amendment, Claims 14-19 and 33-36 will be pending. No new matter has been introduced by the present amendment. Reconsideration of the application as amended and based on the arguments set forth hereinbelow is respectfully requested.

II. Claim Rejections Under 35 U.S.C. §103

Claims 14-19 and 33-36 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,521,844 to Karis (hereinafter, "Karis") in view of U.S. Patent No. 5,946,661 to Rothschild et al. (hereinafter, "Rothschild"). This rejection is respectfully traversed.

Independent claim 14 has been amended as set forth above to recite a step for analyzing time-tagged data associated with from a plurality of machines of different types associated with a mail or paper processing system. Further, claim 14 recites displaying, on the display, a first window including parameter descriptions for mail or paper processing parameter values produced from the analysis of time-tagged data, and including status information indicating the results of comparing the parameter values to reference values. Claim 14 also recites displaying, on the display, a second window including a table of statistical measures for a selected parameter description produced from analysis of time-tagged data in the first window. Further, claim 14 recites a step for displaying, on the display, a third window including a graph of

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measured values for the selected parameter description. Support for the amendments to claim 14 can be found throughout the application, particularly, at page 8, line 9, to page 9, line 2. Summarily, neither Karis nor Rothschild, alone or in combination, discloses or suggests the above steps recited by claim 14.

The Examiner contends that Karis teaches the claim 14 feature of displaying a first window including parameter descriptions for mail or paper processing parameter values produced from analysis of the time-tagged data. (Official Action, page 3.) Further, the Examiner stated that Karis teaches the feature of “displaying parameter descriptions for mail or paper processing parameter values produced from analysis of time-tagged data”. (Official Action, page 8.) Particularly, the Examiner contends that Figure 14 and its associated description of Karis teach this feature of claim 14. Figure 14 of Karis is directed to a press tension monitoring screen display for a particular press. Figure 14 of Karis teaches monitoring a single machine. Further, the data displayed by the screen of Figure 14 only relates to tension levels.

To more particularly define the phrase “analysis of time-tagged data” recited by claim 14, claim 14 has been amended to recite a step of analyzing time-tagged data associated with a plurality of machines of different types associated with a mail or paper processing system. Karis fails to disclose or suggest analyzing time-tagged data or any data from a plurality of machines of different types, as required by claim 14. In contrast, Karis discloses monitoring data from a single machine. Further, Karis fails to disclose or suggest that the time-tagged data is associated with a mail or paper processing system. Additionally, Karis offers no suggestion or motivation to modify the system disclosed therein to arrive at the features recited by step (a) of claim 14.

Step (b) of claim 14 recites displaying, on the display, a first window including parameter descriptions for mail or paper processing parameter values produced from the analysis of time-tagged data, and including status information indicating the results of comparing the parameter values to references values. As previously stated, Karis fails to disclose or suggest a feature of analyzing time-tagged data as required by step (a) of claim 14. Therefore, Karis also does not suggest or teach step (b) of claim 14.

Step (c) of claim 14 recites a step for displaying, on the display, a second window including a table of statistical measures for a selected parameter description produced from the analysis of time-tagged data in the first window. Karis fails to disclose or suggest a feature of analyzing time-tagged data as required by step (a) of claim 14. Therefore, Karis also does not suggest or teach step (c) of claim 14.

The Examiner also contends that Figure 15 of Karis teaches the features of step (d) of claim 14. (Official Action, page 3.) Referring to Figure 15 of Karis, a screen display of a tension history graph is illustrated. The graph illustrates the tension history obtained from a paper roll from the start of the roll on the press. (Karis, column 9, lines 56-58.) In contrast, step (d) of Claim 14 recites displaying a third window including a graph of measured values for the selected parameter description. As previously stated, step (b) of Claim 14 has been amended to recite that a selected parameter description is produced from analysis of time-tagged data. The tension level history data shown in Figure 15 of Karis are not produced by analysis of time-tagged data, as required by the recitation of time-tagged data in step (a) of claim 14. Accordingly, Karis offers no suggestion or motivation to modify the system disclosed therein to arrive at the features recited by step (d) of claim 14.

The Examiner noted Figure 10 of Rothschild, with regard to the table of claim step (c) (former step (b)). (Official Action, page 3.) Applicant respectfully submits that Rothschild fails to overcome the significant shortcomings of Karis. In particular, Rothschild does not disclose or suggest steps (a), (b), (c) or (d) of amended claim 14. Referring to Figure 10 of Rothschild, a work cell yield report for a work cell completing a cut/tape process is illustrated. (Rothschild, column 11, lines 55-57.) A list of stock numbers associated with a given product is listed in a first column. (Rothschild, column 11, lines 59 and 60.) Other associated values are listed in columns 3-6. (Rothschild, column 11, lines 60-65.) In contrast, step (a) of claim 14 recites analyzing time-tagged data associated with a plurality of machines of different types associated with a mail or paper processing system. Further, in contrast, step (b) of claim 14 recites displaying a first window including parameter descriptions for mail or paper processing parameter values produced from analysis of time-tagged data. Also in contrast, step (c) of Claim 14 recites displaying a second window including a table of statistical measures for a selected parameter description produced from analysis of time-tagged data in the first window. Further, in contrast, step (d) of claim 14 recites displaying a third window including a graph of measured values for the selected parameter description. Rothschild fails to disclose the features recited by steps (a), (b), (c), or (d) of claim 14. Additionally, Rothschild offers no suggestion or motivation to modify the system disclosed therein to arrive at the presently claimed subject matter. For these reasons, applicant respectfully submits that the proposed combination would not satisfy all of the claim requirements, and there would be no motivation for one of ordinary skill in

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the art to combine the cited patents to arrive at the computer system method recited in claim 14.

For the reasons provided above, applicant respectfully submits that the teachings of Karis and Rothschild cannot be combined to either teach or suggest each and every element of claim 14, and therefore the rejection of claim 14 under 35 U.S.C. § 103(a) should be withdrawn and the claim allowed at this time.

Claims 15-17 depend from claim 14. As such, it is respectfully submitted that claims 15-17 are not obvious in view of the cited patents and that the rejection of claims 15-17 under 35 U.S.C. § 103(a) should be withdrawn and claims 15-17 allowed at this time.

Independent claim 18 has been amended as set forth above to recite analyzing time-tagged data associated with a plurality of machines of different types associated with a mail or paper processing system. Claim 18 also recites displaying, on the display, a first window including parameter descriptions for mail or paper processing parameter values produced from the analysis of time-tagged data, and including status information indicating the results of comparing the parameter values to reference values. In addition, claim 18 recites displaying, on the display, a second window including a table of statistical measures for a selected parameter description produced from analysis of time-tagged data in the first window. Further, claim 18 recites displaying, on the display, a third window including a graph of measured values for the selected parameter description. Support for the amendments to claim 18 can be found throughout the application, particularly, at page 8, line 9, to page 9, line 2.

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Summarily, neither Karis nor Rothschild, alone or in combination, discloses or suggests the above steps recited by claim 18.

As previously stated, the Examiner contends that Figure 14 of Karis teaches the claim 18 feature of displaying, on the display, a first window including parameter descriptions for mail or paper processing values produced from analysis of time-tagged data. (Official Action, page 4.) Figure 14 of Karis is directed to a press tension monitoring screen display for a particular press. Figure 14 of Karis teaches monitoring a single machine. Further, the data displayed by the screen of Figure 14 only relates to tension levels. Similar to claim 14, claim 18 has been amended to recite analyzing time-tagged data associated with a plurality of machines of different types associated with a mail or paper processing system. Karis fails to disclose or suggest analyzing time-tagged data or any data from a plurality of machines of different types, as required by claim 18. In contrast, Karis discloses monitoring data from a single machine. Further, Karis fails to disclose or suggest that the time-tagged data is associated with a mail or paper processing system. Additionally, Karis offers no suggestion or motivation to modify the system disclosed therein to arrive at the features recited by step (a) of claim 18.

Step (b) of claim 18 recites displaying, on the display, a first window including parameter descriptions for mail or paper processing values produced from the analysis of time-tagged data, and including status information indicating results of comparing the parameter values to reference values. Step (c) of claim 18 recites displaying, on the display, a second window including a table of statistical measures for a selected parameter description produced from the analysis of time-tagged data in

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the first window. As previously stated, Karis fails to disclose or suggest a feature of analyzing time-tagged data as required by step (a) of claim 18.

The Examiner also contends that Figure 15 of Karis teaches displaying, on the display, a third window including a graph of measured values for the selected parameter description. (Official Action, pages 4 and 5.) As previously stated, Figure 15 of Karis shows the tension history obtained from a paper roll from the start of the roll on the press. (Karis, column 9, lines 56-58.) In contrast, step (d) of claim 18 recites displaying a third window including a graph of measured values for the selected parameter description. In addition, step (a) of Claim 18 recites that a selected parameter description is produced from analysis of time-tagged data. The tension level history data shown in Figure 15 of Karis are not produced by analysis of time-tagged data, as required by step (a) of claim 18. Additionally, Karis offers no suggestion to modify the system disclosed therein to arrive at the features recited by amended step (d) of claim 18.

Rothschild fails to overcome the significant shortcomings of Karis. In particular, Rothschild does not disclose or suggest steps (a), (b), (c), or (d) of amended claim 18. Referring to Figure 10 of Rothschild, a work cell yield report for a work cell completing a cut/tape process is illustrated. (Rothschild, column 11, lines 55-57.) A list of stock numbers associated with a given product is listed in a first column. (Rothschild, column 11, lines 59 and 60.) Other associated values are listed in columns 3-6. (Rothschild, column 11, lines 60-65.) In contrast, step (a) of claim 18 recites analyzing time-tagged data associated with a plurality of machines of different types associated with a mail or paper processing system. Also, step (b) of claim 18 recites displaying a

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first window including parameter descriptions for mail or paper processing parameter values produced from analysis of time-tagged data. Also, in contrast, step (c) of claim 18 recites displaying a second window including a table of statistical measures for a selected parameter description produced from analysis of time-tagged data in the first window. Further, in contrast, step (d) of claim 18 recites displaying a third window including a graph of measured values for the selected parameter description. Rothschild fails to disclose the features recited by steps (a), (b), (c), or (d) of amended claim 18. Additionally, Rothschild offers no suggestion to modify the system disclosed therein to arrive at the presently claimed subject matter.

For the reasons provided above, applicant respectfully submits that the teachings of Karis and Rothschild cannot be combined to either teach or suggest each and every element of claim 18, and therefore the rejection of claim 18 under 25 U.S.C. § 103(a) should be withdrawn and the claim allowed at this time.

Claim 19 depends from claim 18. As such, it is respectfully submitted that claim 19 is not obvious in view of the cited patents and that the rejection of claim 19 under 35 U.S.C. § 103(a) should be withdrawn and claim 19 allowed at this time.

Claim 33 has been amended as set forth above to recite analyzing time-tagged data associated with a plurality of machines of different types associated with a mail or paper processing system. Claim 33 also recites displaying, on the display, a first window including parameter descriptions for mail or paper processing parameter values produced from the analysis of time-tagged data, and including status information indicating the results of comparing the parameter values to reference values. Further, claim 33 recites displaying, on the display, a second window

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including a table of statistical measures for a selected parameter description produced from analysis of time-tagged data in the first window. Support for the amendments to claim 33 can be found throughout the application, particularly, at page 8, line 9, to page 9, line 2. Summarily, neither Karis nor Rothschild, alone or in combination, discloses or suggests the above steps recited by claim 33.

The Examiner contends that Figure 14 of Karis teaches the claim 33 feature of displaying, on the display, a first window including parameter descriptions for mail or paper processing values produced from analysis of time-tagged data. (Official Action, page 8.) Figure 14 of Karis is directed to a press tension monitoring screen display for a particular press. Figure 14 of Karis teaches monitoring a single machine. Further, the data displayed by the screen of Figure 14 only relates to tension levels. Similar to claim 14, claim 33 has been amended to recite analyzing time-tagged data associated with a plurality of machines of different types associated with a mail or paper processing system. Karis fails to disclose or suggest analyzing time-tagged data or any data from a plurality of machines of different types, as required by claim 33. In contrast, Karis discloses monitoring data from a single machine. Further, Karis fails to disclose or suggest that the time-tagged data is associated with a mail or paper processing system. Additionally, Karis offers no suggestion or motivation to modify the system disclosed therein to arrive at the features recited by step (a) of claim 33.

Step (b) of claim 33 recites displaying, on the display, a first window including parameter descriptions for mail or paper processing values produced from the analysis of time-tagged data, and including status information indicating results of comparing the parameter values to reference values. Step (c) of claim 33 recites

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displaying, on the display, a second window including a table of statistical measures for a selected parameter description produced from the analysis of time-tagged data in the first window. As previously stated, nowhere does Karis disclose or suggest a feature of analyzing time-tagged data as required by step (a) of claim 33. Therefore, Karis also does not suggest or teach steps (b) and (c) of claim 33.

Rothschild fails to overcome the significant shortcomings of Karis. In particular, Rothschild does not disclose or suggest steps (a), (b), or (c) of amended claim 33. Referring to Figure 10 of Rothschild, a work cell yield report for a work cell completing a cut/tape process is illustrated. (Rothschild, column 11, lines 55-57.) A list of stock numbers associated with a given product is listed in a first column. (Rothschild, column 11, lines 59 and 60.) Other associated values are listed in columns 3-6. (Rothschild, column 11, lines 60-65.) In contrast, step (a) of claim 33 recites analyzing time-tagged data associated with a plurality of machines of different types associated with a mail or paper processing system. Also, step (b) of claim 33 recites displaying a first window including parameter descriptions for mail or paper processing parameter values produced from analysis of time-tagged data. Also, in contrast, step (c) of claim 33 recites displaying a second window including a table of statistical measures for a selected parameter description produced from analysis of time-tagged data in the first window. Rothschild fails to disclose the features recited by steps (a), (b), or (c) of amended claim 33. Additionally, Rothschild offers no suggestion to modify the system disclosed therein to arrive at the presently claimed subject matter.

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For the reasons provided above, applicant respectfully submits that the teachings of Karis and Rothschild cannot be combined to either teach or suggest each and every element of claim 33, and therefore the rejection of claim 33 under 25 U.S.C. § 103(a) should be withdrawn and the claim allowed at this time.

Claims 34-36 depend from claim 33. As such, it is respectfully submitted that claims 34-36 are not obvious in view of the cited patents and that the rejection of claims 34-36 under 35 U.S.C. § 103(a) should be withdrawn and claims 34-36 allowed at this time.

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CONCLUSION

In light of the above amendments and remarks, it is respectfully submitted that the present application is now in proper condition for allowance, and an early notice to such effect is earnestly solicited.

If any small matter should remain outstanding after the Patent Examiner has had an opportunity to review the above Remarks, the Patent Examiner is respectfully requested to telephone the undersigned patent attorney in order to resolve these matters and avoid the issuance of another Official Action.

DEPOSIT ACCOUNT

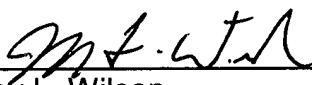
The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

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